

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Okada, et al.

U.S.S.N.: Not Yet Assigned

Group: Not Yet Assigned

FILED: Herewith

Examiner: Not Yet Assigned

FOR: ACTIVE MATRIX TYPE LIQUID CRYSTAL DISPLAY APPARATUS

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

.....  
**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service, in an envelope as "Express Mail Label No. EV 343731592 US addressed to Mail Stop Patent Application, the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 21, 2003.

By: 

Helen Murray Tarbi

.....  
**INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION WITH FILING OF AN APPLICATION)**

Sir/Madame:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- a.        Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b.   X   Each of the patents, publications or other information listed on the attached PTO-1449 was previously cited by or submitted to the USPTO in connection with U.S.S.N. 09/821,717, to which the subject application claims the benefit of the earlier filing date. As such, a copy of each is not included herewith pursuant to 37 C.F.R. § 1.98(d).

III. CONCISE EXPLANATION OF THE RELEVANCE

(check at least one box)

- a.   X   Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b.   X   A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows/ were previously submitted to the USPTO in the case where II.b is checked above:
- English translation for references \_\_\_\_\_.
- English abstract for references \_\_\_\_\_.
- English translation of search report/ official communication.
- Copy of PCT/EPO Search Report.
- c.        The following additional information is provided for the Examiner's consideration:
- Copy of EPO Search Report.
- Copy of PCT Search Report.
- Copy of Official Communication from the \_\_\_\_\_ Patent Office.
- English translation of search report/ official communication.
- Copy of \_\_\_\_\_.

**FEES**

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)

(check one box)

- a.   X   within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.

- b. \_\_\_\_\_ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.
- c. \_\_\_\_\_ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):  
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. \_\_\_\_\_ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
- or
- b. \_\_\_\_\_ See the certification below. No fee is required.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby certifies that

- a. \_\_\_\_\_ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS;  
or
- b. \_\_\_\_\_ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.
- c. \_\_\_\_\_ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart

Attorney Docket No. 55779 DIV (70820)  
foreign application or, to the best of my knowledge after making  
reasonable inquiry, was known to any individual designated in 37  
C.F.R. § 1.56(c) more than three months prior to the filing of this  
statement.

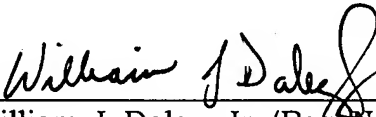
VII. FEE PAYMENT (check one)

- \_\_\_\_\_ Enclosed please find a check in the amount of \$180.00 for the above-  
indicated fee.
- \_\_\_\_\_ Please charge Deposit Account No. 04-1105 in the amount of \$180.00 for the  
above-indicated fee.
- X   No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to  
contact the undersigned. If it is determined that this IDS has been filed under the wrong  
rule, the PTO is requested to consider this IDS under the proper rule, with a petition if  
necessary, and charge the appropriate fee to Deposit Account No. 04-1105.

Respectfully submitted,

Date: July 21, 2003

  
\_\_\_\_\_  
William J. Daley, Jr. (Reg. No. 35,487)  
Edwards & Angell, LLP  
P.O. Box 9169  
Boston, MA 02209  
Tel: (617) 439-4444



21874

PATENT TRADEMARK OFFICE

<b>FORM PTO-1449</b>		<b>DOCKET NO:</b> 55779 DIV (70820)		<b>SERIAL NO.:</b> Not Yet Assigned			
<b>INFORMATION DISCLOSURE STATEMENT</b>		<b>APPLICANT:</b> Okada, et al.					
		<b>FILING DATE:</b> Herewith		<b>GROUP NO.</b> Not Yet Assigned			
<b>UNITED STATES PATENT DOCUMENTS</b>							
<b>EXAM. INITIALS</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>FILING DATE IF APPROPRIATE</b>
	A1	6,538,713	3/2003	Yanagawa et al.			
	A2	6,525,798	2/2003	Yamakita et al.			
	A3	6,172,729	1/2001	Ikeda, Munehiro			
	A4	5,953,088	9/1999	Hanazawa et al.			
	A5	5,535,028	7/1996	Bae et al.			
	A6	5,406,398	4/1995	Suzuki et al.			
	A7	5,040,875	8/1991	Noguchi, Kesao			
	A8	4,783,149	11/1998	Umeda et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>COUNTRY</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>TRANSLATION YES/NO</b>
	B1	9090318	4/2/1997	Japan			
	B2	10253988	9/25/1998	Japan			
	B3	4121712	4/22/1992	Japan			
	B4	06250220 A	9/1994	Japan			
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>							
<b>EXAMINER:</b>					<b>DATE:</b>		